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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/729,971
Filing Date	9 December 2003
First Named Inventor	LIU, Yan-Fei
Art Unit	2838
Examiner Name	Not yet assigned
Attorney Docket Number	14545

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

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<input checked="" type="checkbox"/> Information Disclosure Statement
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under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
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(Appeal Notice, Brief, Reply Brief)
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	RALPH A. DOWELL 26,868
Signature	<i>[Signature]</i>
Date	8/11/2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

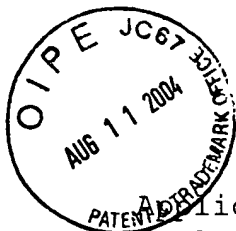
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LIU et al.
Appl. No. : 10/729,971
Filed : December 9, 2003
Title : NON-ISOLATED DC-DC CONVERTERS WITH
DIRECT PRIMARY TO LOAD CURRENT

Grp./A.U. : 2838
Examiner : Not yet assigned

Docket No. : 14545

Honorable Assistant Commissioner of Patents
Alexandria, VA 22313-1450

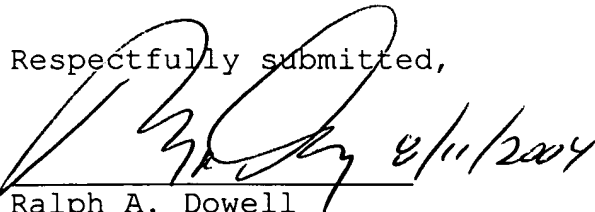
Sir:

PTO CUSTOMER NO. 000293

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Copies of the references listed on the attached FORM PTO/SB08A, the Information Disclosure Statement by Applicant, are attached.

Respectfully submitted,


Ralph A. Dowell
Registration No. 26,868

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/729.971
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Filing Date	9 December 2003
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First Named Inventor	LIU, Yan-Fei
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Art Unit	2838
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Examiner Name	Not yet assigned
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Attorney Docket Number	14545
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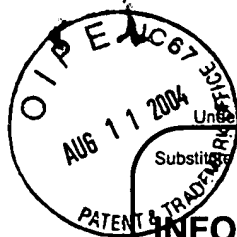
U. S. PATENT DOCUMENTS

[illegible]

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/729,971
Filing Date	9 December 2003
First Named Inventor	LIU, Yan-Fei
Art Unit	2838
Examiner Name	Not yet assigned
Attorney Docket Number	14545

Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JIA WEI ET AL; "A High Efficiency Topology for 12V VRM - Push-Pull Buck and Its Integrated Magnetics Implementations", APEC '02 2003-03-10, pp. 679-685, Vol. 2, IEEE: NY, USA.	
		PENG XU ET AL: "Investigation of Candidate Topologies for 12V VRM", APEC '02, 2003-03-10, pp. 686-692, Vol.2, IEEE: NY, USA.	

Examiner Signature		Date Considered	
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